### WEST LOS ANGELES COLLEGE

**SLO Course Assessment Tool**

<table>
<thead>
<tr>
<th><strong>Date and Semester:</strong></th>
<th>Spring 2011</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Faculty Name or Team Names:</strong></td>
<td>Diane Matsuno</td>
</tr>
<tr>
<td><strong>Course Name and Number:</strong></td>
<td>Computer Science 901 – (Online)</td>
</tr>
</tbody>
</table>

#### Institutional SLOs: (ILOs)

<table>
<thead>
<tr>
<th>Check Box(s) Below</th>
<th>Select from the list below all institutional learning outcomes (ILOs) integrated to this course <em>(select all that apply)</em>. For additional SLO information: <a href="http://www.wlac.edu/staffandfaculty/SLO_rating_scale/tables4web/slo_list.pdf">http://www.wlac.edu/staffandfaculty/SLO_rating_scale/tables4web/slo_list.pdf</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>x</td>
<td>A. Critical Thinking</td>
</tr>
<tr>
<td></td>
<td>B. Communication</td>
</tr>
<tr>
<td></td>
<td>C. Quantitative Reasoning</td>
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<tr>
<td></td>
<td>D. Self-awareness/Interpersonal Skills</td>
</tr>
<tr>
<td></td>
<td>E. Civic Responsibility</td>
</tr>
<tr>
<td>x</td>
<td>F. Technical Competence</td>
</tr>
<tr>
<td></td>
<td>G. Cultural Diversity</td>
</tr>
<tr>
<td></td>
<td>H. Ethics</td>
</tr>
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<td></td>
<td>I. Aesthetics</td>
</tr>
</tbody>
</table>

#### Program SLOs:

<table>
<thead>
<tr>
<th>Check Box(s) Below</th>
<th>Select the Program SLO's assessed in this course <em>(insert all that apply)</em> For additional Program SLO information: <a href="http://www.wlac.edu/staffandfaculty/SLO_rating_scale/tables4web/">http://www.wlac.edu/staffandfaculty/SLO_rating_scale/tables4web/</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>x</td>
<td>2. Use online systems to meet the needs of business and government and educational institutions. <em>(install, configure and use Myitlab)</em></td>
</tr>
<tr>
<td>x</td>
<td>4. Use current and emerging hardware/software applications to enhance business and individual productivity. <em>(acquire computer literacy - a) understanding of use of technology and computer hardware, software, networks and Internet, and mobile computing, that lead to informed decisions about technology and b) acquire productivity software skills -- Microsoft Office 2007 Word, Excel, Access and Powerpoint)</em></td>
</tr>
<tr>
<td>x</td>
<td>5. Communicate effectively both individually and collaboratively. <em>(create Word flyers and Powerpoint presentations and post to Discussion Board topics)</em></td>
</tr>
<tr>
<td>x</td>
<td>6. Comply with, and educate co-workers and customers on the ethical and legal standards of the industry. <em>(technology use issues – software piracy, computer hackers, workplace use of Internet)</em></td>
</tr>
<tr>
<td>x</td>
<td>9. Pursue continuing educational opportunities within the emerging field of computer science. <em>(CS901 is pre-requisite for other CS courses)</em></td>
</tr>
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#### Assessment Instrument

<table>
<thead>
<tr>
<th>Type of Assignment Exam Structure Type of project</th>
<th>Check Box(s) Below</th>
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</thead>
<tbody>
<tr>
<td><strong>Written exam</strong></td>
<td></td>
<td></td>
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<tr>
<td><strong>Multiple choice exam</strong></td>
<td>x</td>
<td></td>
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<tr>
<td><strong>Essay/Research Paper</strong></td>
<td></td>
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<tr>
<td><strong>Presentation</strong></td>
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<tr>
<td><strong>Portfolio</strong></td>
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<tr>
<td><strong>Department exam</strong></td>
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*SLO Assessment Tool 5/23/11*
## WEST LOS ANGELES COLLEGE
### SLO Course Assessment Tool

<table>
<thead>
<tr>
<th>Case scenarios</th>
<th>Skill evaluation</th>
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</thead>
<tbody>
<tr>
<td>Other:</td>
<td></td>
</tr>
<tr>
<td><strong>Report of Data:</strong></td>
<td>Sample Size: 32 Grade Range A - 7 B - 16 C - 4 D - 0 F - 5</td>
</tr>
<tr>
<td><strong>Rating/Rubric Scale:</strong></td>
<td>Describe the criteria for each value/rating.</td>
</tr>
<tr>
<td>A</td>
<td>Technology in Action Chapter 1 – Computer Literacy Exam The Exam assessed understanding of computer literacy concepts presented in Chapter 1. This objective exam included multiple choice and matching questions. The student assessed at 90% - 100%.</td>
</tr>
<tr>
<td>B</td>
<td>The student assessed at 80% - 89%.</td>
</tr>
<tr>
<td>C</td>
<td>The student assessed at 70% - 79%.</td>
</tr>
<tr>
<td>D</td>
<td>The student assessed at 60% - 69%.</td>
</tr>
<tr>
<td>F</td>
<td>The student assessed at 0% - 59% or did not submit completed exam.</td>
</tr>
</tbody>
</table>

**Sample of Student Projects:**
Submit: Essays, research projects, skill evaluation forms or department exams illustrating grades of A through F (one sample of each grade) to Todd Matosic, WLAC SLO Coordinator. Attach to this form or email as attachments to: matosit@wlac.edu Todd Matosic college mail box #169A or Office CE 213, Phone # 310 287-4213

**Faculty Reflection:**  
Faculty member's reflection on the process
What did I learn?  
By including a comprehensive final on the computer concepts (critical thinking) and on productivity software (Microsoft Office), students demonstrated a clear understanding of computer literacy fundamentals.

**Plan of Action:**
What do I want to change?  
Will update the course to current technology curriculum: update to Microsoft Office 2010.

What changes do you propose to improve student learning for the SLOs assessed?  
Will use graphics or short videos to illustrate examples of SLOs as students progress through the course.

**If Applicable:**  
What changes have been implemented since the previous course assessment?  
N/A

**Resources:**
View sample course assessment projects on WLAC SLO website:  
http://www.wlac.edu/staffandfaculty/SLO_rating_scale/index.htm

SLO Assessment Tool 5/23/11
1. A process known as ___________ is used by some retailers to study trends.
   a. data mining
   b. data selection
   c. POS mining
   d. data conversion

   Grade: 1
   User Responses: a. data mining
   Correct Answers: a. data mining
   Feedback:

2. Which of the following is NOT necessarily part of being computer literate?
   a. being able to build a computer
   b. avoiding hackers and viruses
   c. protecting your privacy
   d. using the Internet wisely

   Grade: 1
   User Responses: a. being able to build a computer
   Correct Answers: a. being able to build a computer
   Feedback:

3. ___________ is the set of techniques used in information handling and retrieval.
   a. Database mining
   b. Information technology
   c. RFID
   d. Computer forensics

   Grade: 1
   User Responses: b. Information technology
   Correct Answers: b. Information technology
   Feedback:

4. ___________ refers to the programs that give commands to the computer.
   a. Computer forensics
   b. Software
   c. IT
   d. Hardware

   Grade: 1
   User Responses: b. Software
   Correct Answers: b. Software
   Feedback:
5. The ability to recover and read deleted or damaged files from a criminal's computer is an example of a law enforcement specialty called
   a. HALO animation.
   b. computer forensics.
   c. RFID simulation.
   d. robotics.

   Grade: 1
   User Responses: b. computer forensics.
   Correct Answers: b. computer forensics.
   Feedback:

6. Surgeons use __________ to perform delicate operations by manipulating devices through computers instead of manually.
   a. robotics
   b. computer forensics
   c. forecasting
   d. simulation

   Grade: 1
   User Responses: a. robotics
   Correct Answers: a. robotics
   Feedback:

7. __________ is the science revolving around building devices on an extremely small scale.
   a. Computer forensics
   b. Microtechnology
   c. Nanotechnology
   d. Artificial intelligence

   Grade: 1
   User Responses: c. Nanotechnology
   Correct Answers: c. Nanotechnology
   Feedback:

8. Children who do not have access to __________ and __________ won't be prepared for future employment.
   a. television, video games
   b. the Internet, computers
   c. databases, data mining
   d. information, data

   Grade: 1
   User Responses: b. the Internet, computers
   Correct Answers: b. the Internet, computers
   Feedback:
9. The difference between people with access to computers and the Internet and those without this access is known as the
   a. broadband divide.
   b. Web divide.
   c. Internet divide.
   d. digital divide.

   Grade: 1
   User Responses: d. digital divide.
   Correct Answers: d. digital divide.

Feedback:

10. Employers have the right to monitor network traffic on employee systems used at work.
    a. true  b. false

    Grade: 1
    User Responses: a. true
    Correct Answers: a. true

Feedback:

11. Being computer literate enables you to form educated opinions in today’s digital society and to take a stand based on accurate information rather than media hype and misinformation.
    a. true  b. false

    Grade: 1
    User Responses: a. true
    Correct Answers: a. true

Feedback:

12. Match the following fields to the related computer technology.

   a. shipping  uses computer forensics animations
   b. video gaming  uses Bluetooth technology
   c. education  uses management software such as Moodle
   d. legal system  uses software animation tools

    Grade: 4
    User Responses: a. uses Bluetooth technology/b. uses software animation tools/c. uses management software such as Moodle/d. uses computer forensics animations
    Correct Answers: a. uses Bluetooth technology/b. uses software animation tools/c. uses management software such as Moodle/d. uses computer forensics animations

Feedback:
1. A process known as __________ is used by some retailers to study trends.
   a. POS mining
   b. data selection
   c. data conversion
   d. data mining

   Grade: 1
   User Responses: d.data mining
   Correct Answers: d. data mining
   Feedback:

2. Which of the following is NOT necessarily part of being computer literate?
   a. using the Internet wisely
   b. avoiding hackers and viruses
   c. protecting your privacy
   d. being able to build a computer

   Grade: 0
   User Responses: b.avoiding hackers and viruses
   Correct Answers: d. being able to build a computer
   Feedback:

3. __________ is the set of techniques used in information handling and retrieval.
   a. Database mining
   b. Information technology
   c. RFID
   d. Computer forensics

   Grade: 1
   User Responses: b. Information technology
   Correct Answers: b. Information technology
   Feedback:

4. __________ refers to the programs that give commands to the computer.
   a. Hardware
   b. Computer forensics
   c. IT
   d. Software

   Grade: 1
   User Responses: d. Software
   Correct Answers: d. Software
   Feedback:
5. The ability to recover and read deleted or damaged files from a criminal's computer is an example of a law enforcement specialty called
   a. RFID simulation.
   b. robotics.
   c. computer forensics.
   d. HALO animation.

Grade: 1
User Responses: c. computer forensics.
Correct Answers: c. computer forensics.
Feedback:

6. Surgeons use _________ to perform delicate operations by manipulating devices through computers instead of manually.
   a. computer forensics
   b. simulation
   c. robotics
   d. forecasting

Grade: 0
User Responses: b. simulation
Correct Answers: c. robotics
Feedback:

7. _________ is the science revolving around building devices on an extremely small scale.
   a. Computer forensics
   b. Nanotechnology
   c. Microtechnology
   d. Artificial intelligence

Grade: 1
User Responses: b. Nanotechnology
Correct Answers: b. Nanotechnology
Feedback:

8. Children who do not have access to _________ and _________ won't be prepared for future employment.
   a. information, data
   b. databases, data mining
   c. the Internet, computers
   d. television, video games

Grade: 0
User Responses: a. information, data
Correct Answers: c. the Internet, computers
Feedback:
9. The difference between people with access to computers and the Internet and those without this access is known as the
   a. Web divide.
   b. digital divide.
   c. Internet divide.
   d. broadband divide.

   Grade: 1
   User Responses: b. digital divide.
   Correct Answers: b. digital divide.

   Feedback:

10. Employers have the right to monitor network traffic on employee systems used at work.
    a. true  b. false

    Grade: 1
    User Responses: a. true
    Correct Answers: a. true

    Feedback:

11. Being computer literate enables you to form educated opinions in today's digital society and to take a stand based on accurate information rather than media hype and misinformation.
    a. true  b. false

    Grade: 1
    User Responses: a. true
    Correct Answers: a. true

    Feedback:

12. Match the following fields to the related computer technology.

   a. shipping  uses computer forensics animations
   b. video gaming  uses Bluetooth technology
   c. education  uses management software such as Moodle
   d. legal system  uses software animation tools

   Grade: 4
   User Responses: a. uses Bluetooth technology/b. uses software animation tools/c. uses management software such as Moodle/d. uses computer forensics animations
   Correct Answers: a. uses Bluetooth technology/b. uses software animation tools/c. uses management software such as Moodle/d. uses computer forensics animations

   Feedback:
1. A process known as ____________ is used by some retailers to study trends.
   a. data mining
   b. POS mining
   c. data conversion
   d. data selection

   Grade: 0
   User Responses: d. data selection
   Correct Answers: a. data mining

2. Which of the following is NOT necessarily part of being computer literate?
   a. using the Internet wisely
   b. protecting your privacy
   c. being able to build a computer
   d. avoiding hackers and viruses

   Grade: 1
   User Responses: c. being able to build a computer
   Correct Answers: c. being able to build a computer

3. ____________ is the set of techniques used in information handling and retrieval.
   a. Database mining
   b. RFID
   c. Information technology
   d. Computer forensics

   Grade: 1
   User Responses: c. Information technology
   Correct Answers: c. Information technology

4. ____________ refers to the programs that give commands to the computer.
   a. Computer forensics
   b. IT
   c. Software
   d. Hardware

   Grade: 1
   User Responses: c. Software
   Correct Answers: c. Software
5. The ability to recover and read deleted or damaged files from a criminal's computer is an example of a law enforcement specialty called
   a. computer forensics.
   b. RFID simulation.
   c. HALO animation.
   d. robotics.

   Grade: 0
   User Responses: c. HALO animation.
   Correct Answers: a. computer forensics.
   Feedback:

6. Surgeons use _________ to perform delicate operations by manipulating devices through computers instead of manually.
   a. forecasting
   b. simulation
   c. robotics
   d. computer forensics

   Grade: 1
   User Responses: c. robotics
   Correct Answers: c. robotics
   Feedback:

7. _________ is the science revolving around building devices on an extremely small scale.
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   Correct Answers: a. Nanotechnology
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8. Children who do not have access to _________ and _________ won't be prepared for future employment.
   a. the Internet, computers
   b. television, video games
   c. information, data
   d. databases, data mining

   Grade: 1
   User Responses: a. the Internet, computers
   Correct Answers: a. the Internet, computers
   Feedback:
9. The difference between people with access to computers and the Internet and those without this access is known as the
   a. digital divide.
   b. broadband divide.
   c. Internet divide.
   d. Web divide.

   Grade: 1
   User Responses: a.digital divide.
   Correct Answers: a. digital divide.
   Feedback:

10. Employers have the right to monitor network traffic on employee systems used at work.
    a. true b. false

    Grade: 1
    User Responses: a.true
    Correct Answers: a. true
    Feedback:

11. Being computer literate enables you to form educated opinions in today’s digital society and to take a stand based on accurate information rather than media hype and misinformation.
    a. true b. false

    Grade: 1
    User Responses: a.true
    Correct Answers: a. true
    Feedback:

12. Match the following fields to the related computer technology.

   a. shipping  uses management software such as Moodle
   b. video gaming uses Bluetooth technology
   c. education uses software animation tools
   d. legal system uses computer forensics animations

    Grade: 2
    User Responses: a.uses software animation tools/b.uses Bluetooth technology/c.uses management software such as Moodle/d.uses computer forensics animations
    Correct Answers: a. uses Bluetooth technology/b. uses software animation tools/c. uses management software such as Moodle/d. uses computer forensics animations
    Feedback: